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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/043,695	01/10/2002	Rotem Cooper	010110	7705
23696 7590 01/26/2010 QUALCOMM INCORPORATED 5775 MOREHOUSE DR. SAN DIEGO, CA 92121				
EXAMINER				
IQBAL, KHAWAR				
ART UNIT		PAPER NUMBER		
2617				
NOTIFICATION DATE		DELIVERY MODE		
01/26/2010		ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

us-docketing@qualcomm.com

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Office Action Summary

Application No.

10/043,695

Applicant(s)

COOPER, ROTEM

Examiner

KHAWAR IQBAL

Art Unit

2617

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 October 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3 and 5-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-3 and 5-21 is/are allowed.
- 6) ☒ Claim(s) 22-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/GS/US)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 101

1. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

2. Claims 22-24 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter.

Since the specification fails to define the limitation of "processor readable media" as recited in claims 22-24 such that one skill in the art would recognize processor readable media covers transitory media, i.e., signals, which is non-statutory.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

4. Claims 22-24 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Because the specification fails to define or disclose what is "A processor readable media". The specification fails to clearly define or provide support added term "A processor readable media". Thus "A processor readable media" was not described in the specification in such a way as to reasonably

convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Allowable Subject Matter

5. Claims 1-3, 5-21 are allowed.
6. Examiner's Statement of Reasons for Allowance:

The following is a statement of reasons for the indication of allowable subject matter: Regarding claims 1-3, 5-21, the closest prior arts, Mazzara (20030087642) teaches in a mobile station including a preferred roaming list, a method for an efficient selection system for registration/acquisition of wireless communications systems that avoids time consuming acquisition of a signal that takes up to about 20 seconds, comprising: maintaining a list of unusable wireless communications systems, each entry of a wireless communication system in the list of unusable wireless communications systems including a system identifier and corresponding avoidance criterion for not using the wireless communication system, wherein at least one of said unusable wireless communications systems is included on the preferred roaming list; selecting a wireless communications system from the preferred roaming list of wireless communication system in accordance with a predetermined system acquisition sequence, each entry of a wireless communication system in the preferred roaming list including system identifier; determining whether the selected wireless communication system from the preferred roaming list is a useable wireless communication system or an unusable wireless communication system; attempting to acquire and register with the selected wireless communications system when the selected wireless communication

system is determined to be a useable wireless communication system; repeating the step of selecting when the selected communication system is determined to be an unusable wireless communication system; wherein the selected wireless communications system is determined to be an unusable wireless communication system when a system identifier for the selected wireless communication matches a system identifier in the list of unusable wireless communications systems and when avoidance criterion corresponding to the system identifier in the list of unusable wireless communication system is satisfied. Bamburak et al (6195532) teaches repeating the step of selecting, before attempting to acquire and register with the selected wireless communications system. Bamburak et al further teaches that provider location method involves storing a frequency band search schedule which has several bands in a predetermined order. Information is stored on several categories of service provider. The frequency bands are examined until a frequency band with an acceptable service provider is located by examining the bands in the order specified. A category of service provider is identified for the acceptable service provider. Information such as service operator codes broadcast on a frequency band control channel is compared with the stored information on the service provider categories. Narasimha et al (20020187804) teaches wireless system tries to acquire CDMA system for a particular period of wait time for a wireless terminal 130. During this time period, the system does not use any wireless communication system the wait time starts from the current time. Thus, it is clear that the claimed "avoidance criterion" is equal to the current time the terminal's system makes an attempt plus the waiting. Claims 1-3, 5-21 are allowable over the prior

art of record since the cited references taken individually or in combination and Remarks (10-12-09) fails to teach maintaining a list of unusable wireless communications systems, each entry of a wireless communications system in the list of unusable wireless communications systems including a system identifier and corresponding avoidance criterion that is equal to a current time plus an avoidance duration time from a look-up table that includes an entry for each of a plurality of communications failures and corresponding avoidance durations for not using the wireless communications system, wherein at least one of said unusable wireless communications systems is included on the preferred roaming list.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should clearly be labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KHAWAR IQBAL whose telephone number is (571)272-7909. The examiner can normally be reached on 9 am to 6.30 pm Monday to Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, GEORGE ENG can be reached on 571-272-7495. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/George Eng/
Supervisory Patent Examiner, Art Unit 2617

Khawar Iqbal
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